



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>L-SERINE 99%</b>
<b>Code No.</b>	<b>:</b>	<b>02295</b>
<b>Batch No.</b>	<b>:</b>	<b>PC11221897</b>
<b>Mfg. Date</b>	<b>:</b>	<b>NOV-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>17/11/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>OCT-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	Min 99.0%	99.36%
Specific optical rotation ( $[\alpha]_{20/D}$ ; c=10; 2 M HCl)	+14° to +16°	+15°
Sulphated ash	Max 0.1%	0.067%
Iron (Fe)	Max 0.001%	Less than 0.001%
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Loss on drying (at 105°C)	Max 0.5%	0.11%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)